Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 11 Nov 2021 until 23:59 on Friday 12 Nov 2021

Forecast Issued on Thursday 11 Nov 2021 at 02:32

Confidence: Medium for the detail of cloud on Thursday. High for an unsettled and windy day on Friday, then mainly settled thereafter though confidence in forecast details reduces.

Headline for Thursday 11 Nov 2021: Mainly dry, occasionally bright morning. Cloud and chance of showers increasing through afternoon and evening.

Mountain weather hazards on Thursday 11 Nov 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Light rain	Light rain	Partly cloudy (night)
Precipitation probability					
10%	10%	30%	60%	30%	20%

Forecast for Thursday 11 Nov 2021

Weather: A dry start with some patchy low cloud through the morning. Cloud tending to thicken during the afternoon bringing some light rain and drizzle at times. Freshening winds seeing cloud breaking somewhat into the evening to give the risk of an isolated shower.

Chance of cloud free mountain/hill tops above 600m: 60% first thing, but reducing to 30% during the afternoon.

Visibility: Generally good to start though very poor in hill fog with patchy cloud above around 300m. Cloud becoming extensive above around 400-600m into the afternoon, with some moderate to poor visibility in rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 11 Nov 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 SW	6/8 S	9/12 S	13/18 S	18/25 S	22/31 S	20/29 S
300	5/6 S	4/6 SE	5/8 S	11/18 S	13/21 S	17/26 S	16/24 S
Valley	2/4 S	3/7 SE	3/7 S	6/14 SE	7/19 S	10/24 S	9/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/4	6/4	8/5	8/5	8/4	7/3	6/1
300	8/7	8/7	10/8	10/8	10/8	10/6	8/5
Valley	8/8	8/8	10/10	11/9	10/9	10/8	9/7
Freezing Level*	1700m	1800m	2100m	2100m	2100m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 11 Nov 2021	1.4mm	5.4mm	6.4mm

Forecast for Friday 12 Nov 2021

Weather: A very windy and rather cloudy day with outbreaks of showery rain spreading in from the west, perhaps heavy at times.

Maximum wind: Southwesterly winds with mean speeds of 30-40mph and gusts 45-55mph possible across the most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 40%.

Visibility: Moderate or poor in showers, very poor in hill fog with bases lowering to around 400-600m at times through the day.

Temperature: **Valleys:** Plus 6 Celsius increasing 14 Celsius during the afternoon
At 600m: Plus 7 Celsius
Freezing level: Above all summits

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